

SARAH OLSON

Software Developer



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Experience

Freelance Web Developer

September 2023 - Present

- Custom Website Development: Designed and developed custom websites tailored to client specifications using modern web technologies.
- Client Consultation: Collaborated with clients to understand their needs and provide technical expertise, ensuring project requirements were met effectively.
- Maintenance and Updates: Provided ongoing website maintenance, updates, and technical support to ensure optimal performance.
- Security Enhancements: Implemented security measures to protect websites from vulnerabilities and ensure data protection.

Projects

Product Landing Page

[Link: sarahlynnx.github.io/product-landing-page/](https://sarahlynnx.github.io/product-landing-page/)

- Developed an interactive and responsive online shopping store with a fully functional shopping cart system allowing users to add items, adjust quantities, remove items, and checkout.
- Utilized React, JavaScript, HTML, and CSS for dynamic content rendering and user interaction, ensuring a seamless and engaging user experience.
- Ensured future-proofing by taking a data-driven approach for client to easily update, extend, and scale the website using APIs or configs.
- Focused on responsive design using Bootstrap and media queries to ensure the site's accessibility across all devices and screen sizes.

Playful Pathways Blog Application

[Link: sarahlynnx.github.io/playful-pathways/blog](https://sarahlynnx.github.io/playful-pathways/blog)

- Implemented and integrated a multi-user supported, secure blog application with Playful Pathways therapy website to share valuable medical information and updates with patients.
- Designed a full stack MERN application which features user authentication, role management, commenting, liking, and posting blogs using React, Javascript, Express, Node and MongoDB(NoSQL).
- Containerized and deployed front-end react app and backend express app with Docker on Render.io for future scalability.
- Followed config-driven approach designing the backend with password encryption, JWT authentication and git version management connecting to front end via REST APIs.

Playful Pathways Pediatric Therapy Website

[Link: sarahlynnx.github.io/playful-pathways/](https://sarahlynnx.github.io/playful-pathways/)

- Managed the full lifecycle of a live website for a therapy clinic, from design and implementation to final deployment.
- Successfully established an online presence and a dynamic platform for patients to receive timely updates, actively engage with the clinic's services and blogs.
- Developed a responsive, user-friendly website using Bootstrap, HTML and CSS ensuring accessibility and cross-browser compatibility.
- Integrated seamlessly with third party APIs and services to support emails and Google maps with Javascript and DOM manipulation.

Certifications

FreeCodeCamp

- JavaScript Algorithms & Data Structures
- Front End Development Libraries
- Responsive Web Design

Educative.io

- Node.js, Express & MongoDB Development

MongoDB University

- MongoDB Node.js Developer Path

Technical Skills

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|--------------|--------------|--------------|
| • React JS | • JavaScript | • MongoDB |
| • CSS | • TypeScript | • Git/Github |
| • HTML5 | • Bootstrap | • Next.js |
| • Express.js | • Redux | • AWS |
| • SQL/ NoSQL | • Node.js | • Docker |